



ABSTRACT OF THE DISCLOSURE

9 biological treatment of aqueous organic wastes, in
which the aqueous organic waste is supplied to ⁹²~~the~~
aeration tank for an aerobic biological treatment in
the presence of a biosludge composed essentially of
aerobic microorganisms. ^{The}~~the~~ aerated aqueous suspension
in the aeration tank is subjected to solid/liquid
separation, the so-separated liquid phase is ^{removed}~~exhausted~~
as ~~the~~ treated water, at least a portion of the
separated sludge is recycled to the aeration tank, a
part of the aqueous suspension in the aeration tank or
of the separated sludge is treated with ozone at a pH
of 5 or lower, and the ozonized suspension or sludge is
recycled to the step of aerobic biological treatment.
^{The}~~whereby the~~ biosludge is transformed into BOD
components using a decreased amount of ozone to thereby
decrease the amount of excess sludge and, in some
cases, even ^{reduce it}~~to~~ zero.